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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/767,212	01/28/2004	Frederick J. Dojan	005127.00277	2583

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EXAMINER

KAVANAUGH, JOHN T

ART UNIT PAPER NUMBER

3728

DATE MAILED: 01/30/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/767,212

Applicant(s)

DOJAN ET AL.

Examiner

Ted Kavanaugh

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 December 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) 6,11,20 and 22 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5,7-10,12-19,21,23-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 1/4/06
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

The finality of the previous office action mailed Jan. 18th, 2006 is withdrawn and the following office action is applied.

Drawings

1. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the reinforcing structure formed of a first material and a different second material (claims 10 and 21) must be shown or the feature(s) canceled from the claim(s). This is a result of applicant's remarks on page 9 of the amendment filed December 20th, 2005. No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner,

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the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 112

2. Claims 1-15 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention. The reinforcing structure formed of “a non-foam and non-rubber material” is new matter. Applicant states there is support found in paragraph #65. However, upon review of the paragraph there is no support for this. In fact, applicant teaches “a diverse range of materials”.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1,9,10,15,26,27 are rejected under 35 U.S.C. 103(a) as being unpatentable over US 6918198 (Chi).

Chi teaches a sole component including a bladder (36) and a reinforcement structure (312) at least partially recessed into the barrier material as claimed except the structure formed of a non-foam and non-rubber material (claim 1), the structure has a greater modulus of elasticity (claims 9 and 26) and the structure having a greater stiffness as claimed (claim 27). Chi is silent with regard to what the material of the reinforcement structure. However, it would have been obvious to one having ordinary skill in the art at the time the invention was made to construct the structure out of non-foam and non-rubber material, since it has been held to be within the general skill of a worker in the art to select a known material on the basis of its suitability for the intended use as a matter of obvious design choice. *In re Leshin*, 125 USPQ 416. Chi is silent with regard to the modulus of elasticity and the stiffness of the reinforcement structure and the barrier material. However, it is conventional and well known in the art for bladder to have a lower modulus of elasticity and stiffness than the structure enclosing the bladders. Bladders have a lower module of elasticity and stiffness inasmuch as bladders in the footwear art provide a cushioning effect for the wearer. Therefore, it would have been obvious to provide the reinforcing structure of Chi with a greater modulus elasticity and stiffness than barrier material of the bladder. Regarding claim 10, it would be obvious to construct the reinforcement structure out of a first and second different material inasmuch as a plurality of different materials can be used to based upon the characteristics desired for the individual.

5. Claims 16-19,21,23,24,25 are rejected under 35 U.S.C. 103(a) as being unpatentable over US 6009637 (Pavone).

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Pavone teaches a sole component as claimed including a bladder and a reinforcing structure at least partially recessed into the barrier material as claimed. See the marked-up figures below.

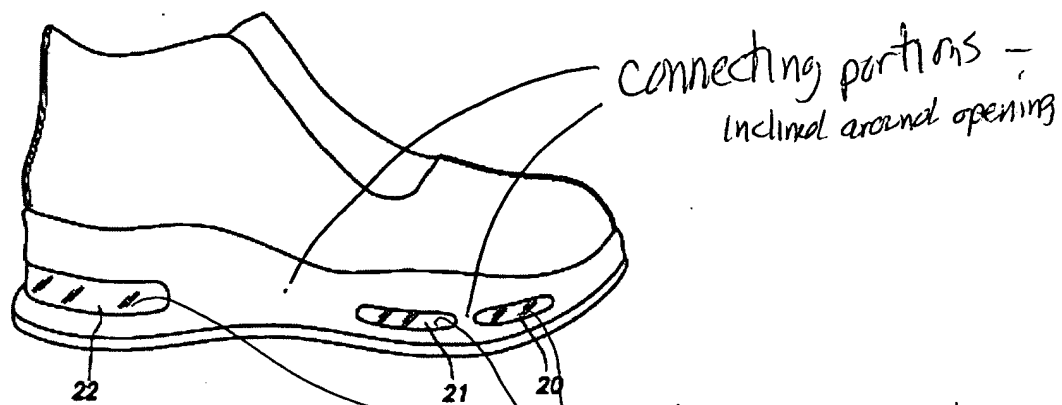


FIG. 1

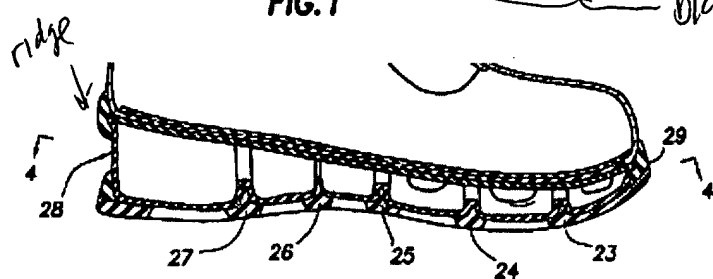


FIG. 3

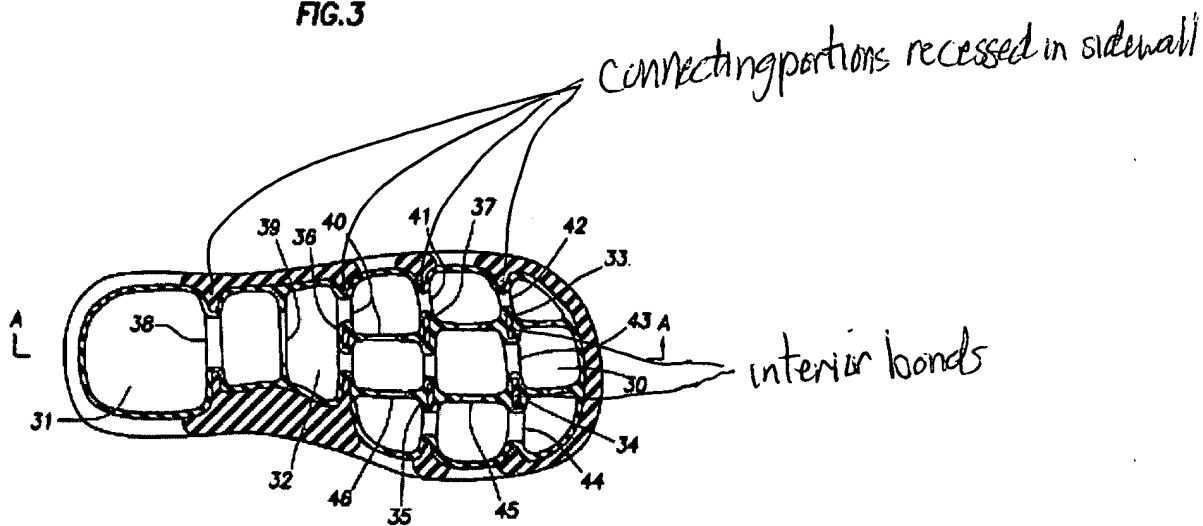
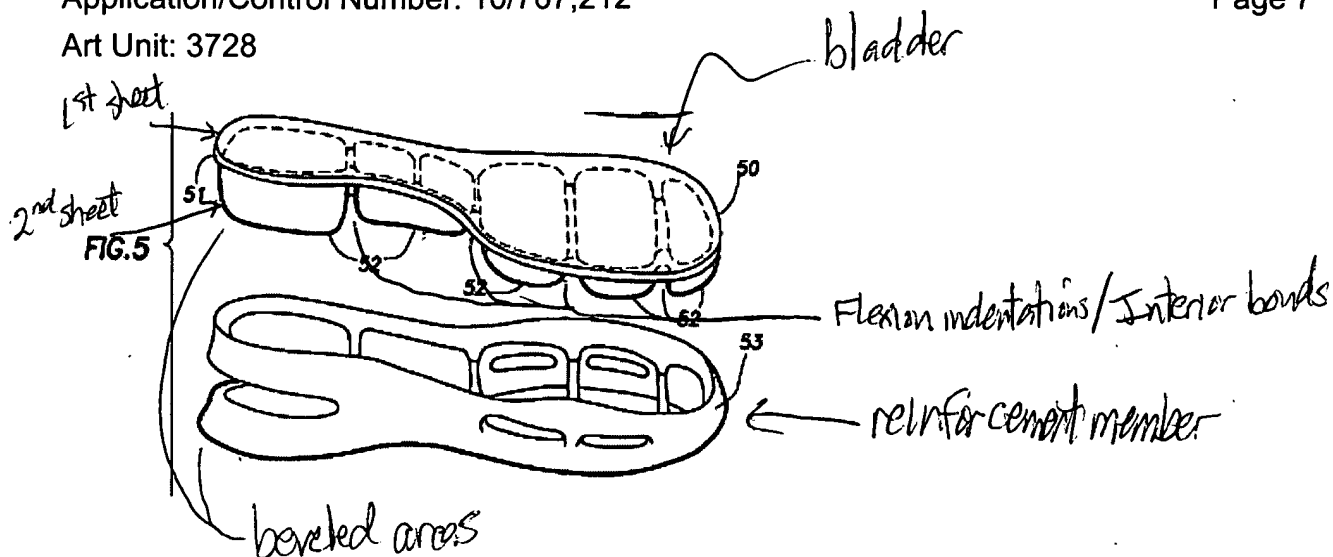


FIG. 4

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Pavone teaches a sole component as claimed (as noted above) except for the modulus of elasticity of the materials as claimed (claim 16) and portions of the reinforcing structure being in tension (claim 16 and 25). Pavone is silent with regard to the modulus of elasticity. However, it is conventional and well known in the art for bladder to have a lower modulus of elasticity than the structure enclosing the bladders. Bladders have a lower module of elasticity inasmuch as bladders in the footwear art provide a cushioning effect for the wearer. Therefore, it would have been obvious to provide the reinforcing structure of Pavone with a greater modulus elasticity than barrier material of the bladder.

Regarding claim 10, it would be obvious to construct the reinforcement structure out of a first and second different material inasmuch as a plurality of different materials can be used to based upon the characteristics desired for the individual.

Regarding a portion of the reinforcing structure being in tension, Pavone teaches the bladder (helium modules core) can be inflated to the desired pressure; see col. 2, lines 51-67. It would appear to be an obvious design choice to inflate the bladder to

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such a pressure that an outward force would be produced on the reinforcement member and therefore the member would be in tension as claimed. It would appear to be obvious to inflate the bladder to different pressure levels to accommodate different characteristics depending on the user and the sport or event being played.

Double Patenting

6. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. See *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and, *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent is shown to be commonly owned with this application. See 37 CFR 1.130(b).

Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).

7. Claims 1-5,7-10,12-19,21,23-30 are provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims of copending Application No. 10/767211 and 10/767404. Although the conflicting claims are not identical, they are not patentably distinct from each other because the application claim is merely broader than the patent claim and therefore it would be obvious to leave out the other elements.

This is a provisional obviousness-type double patenting rejection because the conflicting claims have not in fact been patented.

Allowable Subject Matter

8. Claims 28-30 would be allowed upon filing a proper terminal disclaimer.

Response to Arguments

9. Applicant's arguments filed December 20th, 2005 have been fully considered but they are not persuasive. The examiner addresses the arguments in the body of the rejection above.
10. Applicant's remaining arguments have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

11. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Conclusion

12. Applicant is duly reminded that a complete response must satisfy the requirements of 37 C.F. R. 1.111, including:

--“The reply must present arguments pointing out the *specific* distinctions believed to render the claims, including any newly presented claims, patentable over any applied references.”

--“A general allegation that the claims define a patentable invention without specifically pointing out how the language of the claims patentably distinguishes them from the references does not comply with the requirements of this section.”

-Moreover, “The prompt development of a clear issue requires that the replies of the applicant meet the objections to and rejections of the claims. Applicant should also specifically point out the support for any amendments made to the disclosure. See MPEP 2163.06” MPEP 714.02. The “disclosure” includes the claims, the specification and the drawings.

13. Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

published applications may be obtained from either Private PAIR or Public PAIR.

Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should

you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). Other useful information can be

obtained at the PTO Home Page at www.uspto.gov.

In order to avoid potential delays, Technology Center 3700 is encouraging

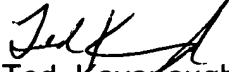
FAXing of responses to Office Actions directly into the Center at (571) 273-8300

(FORMAL FAXES ONLY**). Please identify Examiner Ted Kavanaugh of Art Unit 3728 at the top of your cover sheet.**

Any inquiry concerning the MERITS of this examination from the examiner should be directed to Ted Kavanaugh whose telephone number is (571) 272-4556. The examiner can normally be reached from 6AM - 4PM.

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Ted Kavanaugh
Primary Examiner
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TK
January 18, 2006